

Message

From: Andrae, Bill/MKE [William.Andrae@jacobs.com]
Sent: 10/14/2021 1:23:05 PM
To: Ullinger, Heather [HULLinger@akronohio.gov]; Lascola, Matt [mlascola@gpdgroup.com]
CC: Skwarski, Alison/DET [Alison.Skwarski@jacobs.com]; Reif, Marty/WDC [Marty.Reif@jacobs.com]; Shim, John/KNV [John.Shim@jacobs.com]; Giancarlo, Mary Beth [Giancarlo.Marybeth@epa.gov]; Klinkhamer, Christopher [Klinkhamer.Christopher@epa.gov]
Subject: RE: [External]UPDATE - RE: Gorge Dam - Bulkhead Wall Geotechnical Boring Locations Update

Thank you Heather!

Cheers!

Bill

Bill Andrae | Jacobs | Design Manager / Environmental Engineer
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From: Ullinger, Heather <HULLinger@akronohio.gov>
Sent: Thursday, October 14, 2021 6:32 AM
To: Andrae, Bill/MKE <William.Andrae@jacobs.com>; Lascola, Matt <mlascola@gpdgroup.com>
Cc: Skwarski, Alison/DET <Alison.Skwarski@jacobs.com>; Reif, Marty/WDC <Marty.Reif@jacobs.com>; Shim, John/KNV <John.Shim@jacobs.com>; Giancarlo, Mary Beth <giancarlo.marybeth@epa.gov>; Klinkhamer, Christopher <klinkhamer.christopher@epa.gov>
Subject: RE: [External]UPDATE - RE: Gorge Dam - Bulkhead Wall Geotechnical Boring Locations Update

Yes, you can leave the gravel in place.

Heather L. Ullinger, P.E.
Akron Engineering Bureau
Cell 330-256-1246

From: Andrae, Bill/MKE [<mailto:William.Andrae@jacobs.com>]
Sent: Wednesday, October 13, 2021 8:16 PM
To: Ullinger, Heather <HULLinger@akronohio.gov>; Lascola, Matt <mlascola@gpdgroup.com>
Cc: Skwarski, Alison/DET <Alison.Skwarski@jacobs.com>; Reif, Marty/WDC <Marty.Reif@jacobs.com>; Shim, John/KNV <John.Shim@jacobs.com>; Giancarlo, Mary Beth <giancarlo.marybeth@epa.gov>; Klinkhamer, Christopher <klinkhamer.christopher@epa.gov>
Subject: [External]UPDATE - RE: Gorge Dam - Bulkhead Wall Geotechnical Boring Locations Update

Heather - I have attached an updated Figure 2 that has eight boring locations adjacent to the steel sheet pile wall outlined in a red cloud line. Our driller will be placing an estimated +/- 8 cubic yards of gravel per location (66 cubic yards total) to create a level surface on which the timber mats will be placed. The timber mats will extend out over the water as shown on the drill platform schematic attached to this email. Can the gravel support layers be left onsite at the conclusion of the drilling effort or should we plan to remove the gravel support layers and dispose of the material offsite.

Matt – On the updated Figure 2, the boring location FPP-LSGB-SPT-12, which is a location GPD requested is outlined in bright green. After double-checking the geophysics survey results, this proposed location is also directly over the large

concrete structure identified during the geophysics survey which prompted Jacobs to propose changing FPP-LSBG-SPT-11 from a land side boring to water side boring FPP-WSBG-SPT-11. Is there an alternate location GPD would like to consider? If so, please send us some new proposed locations for this boring and we can have the geophysics surveyor look them over and make suggestions on the best location(s).

Please let us know if you have any questions or would like to discuss these items on a call.

Cheers!

Bill

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From: Andrae, Bill/MKE

Sent: Wednesday, October 13, 2021 10:21 AM

To: Giancarlo, Mary Beth <Giancarlo.Marybeth@epa.gov>; Klinkhamer, Christopher <klinkhamer.christopher@epa.gov>; Ullinger, Heather <HUllinger@akronohio.gov>; Lascola, Matt <mlascola@gpdgroup.com>

Cc: Skwarski, Alison/DET <Alison.Skwarski@jacobs.com>; Reif, Marty/WDC <Marty.Reif@jacobs.com>; Shim, John/KNV <John.Shim@jacobs.com>

Subject: Gorge Dam - Bulkhead Wall Geotechnical Boring Locations Update

All – After reviewing the geophysical survey data and speaking with our dive team, we converted FPP-LSBG-SPT-11 from a landside boring to FPP-WSBG-SPT-11 because the material underneath the original landside boring is concrete. We also slightly moved FPP-WSBG-SPT-4 to be closer to the bulkhead wall. We are still discussing the relocation of FPP-LSBG-SPT-5 from its current location as shown on the attached figure because where we have it shown currently is on a sloped part of the site that the driller will likely not be able to drill in this location. We're trying to confirm if it can be drilled just inside the second gate close to the water. I will send an updated location as soon as I can.

In the meantime, please let us know if you have any questions or comments.

Cheers!

Bill

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